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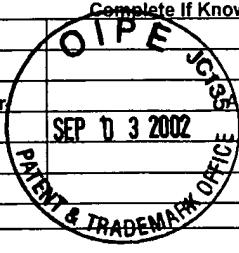


Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known Application Number: 09/992,387 Filing Date: 11/16/01 First Named Inventor: Anthony L. Coyle Group Art Unit: 2822 Examiner Name: Lewis, M. Attorney Docket No. TI-31794	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS					
Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)
		Number	Kind Code ² (if known)		
MC	AA	6,166,433		Takashima et al.	12/26/00
MC	AB	6,157,084		Hino et al.	12/05/00
MC	AC	5,814,894		Igarashi et al.	09/29/98
	AD				
	AE				
	AF				
	AG				
	AH				

FOREIGN PATENT DOCUMENTS					
Exam. Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)
		Office ³	Number ⁴		
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA				
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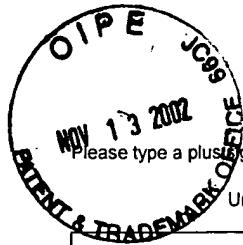
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US and Foreign Patent Documents: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	Of	2	Attorney Docket No.	TI-31794
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Complete If Known

Application Number	09/992,387
Filing Date	11/16/2001
First Named Inventor	Anthony L. Coyle, et al.
Group Art Unit	2822
Examiner Name	Lewis, M.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ML	CA	"Controlled Collapse Reflow Chip Joining", L.F. Miller, IBM J. Res. Develop., IBM Components Division, Vol. 13, 1969, pp. 239-250	
	CB	"Geometric Optimization of Controlled Collapse Interconnections", L.S. Goldman, IBM J. Res. Develop., Vol. 13, 1969, pp. 251-265	
	CC	"Parametric Study of Temperature Profiles in Chips Joined by Controlled Collapse Techniques", S. Oktay, IBM J. Res. Develop., IBM Components Div., Vol. 13, 1969, pp. 272-285	
	CD	"Reliability of Controlled Collapse Interconnections", K. C. Norris and A. H. Landzberg, IBM J. Res. Develop., IBM Components Division, Vol. 13, 1969, pp. 266-271	
	CE	"SLT Device Metallurgy and Its Monolithic Extension", P.A. Totta and R. P. Sopher, IBM J. Res. Develop., IBM Components Division, Vol. 13, 1969, pp. 226-238	
ML	CF	"Studies of the SLT Chip Terminal Metallurgy", B.S. Berry and I. Ames, IBM J. Res. Develop., Vol. 13, 1969, pp. 286-296	
	CG		
	CH		
	CI		
	CJ		
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	CQ		
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Examiner Signature		Date Considered	3/14/03
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		Number	Kind Code ² (if known)		
	AA	5,928,458		Aschenbrenner, et al.	07/27/1999
	AB				
	AC				
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